



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000304840 A**(43) Date of publication of application: **02.11.2000**(51) Int. Cl. **G01S 5/14**

(21) Application number: **11117188**
 (22) Date of filing: **23.04.1999**

(71) Applicant: **MATSUSHITA ELECTRIC WORKS LTD**

(72) Inventor: **NOGUCHI TAKAHIDE**
NAOI YUICHIRO
SHIMONISHI KATSUYA

(54) **GPS RECEIVER**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a GPS receiver capable of transmitting data at a high speed by USB(Universal Serial Bus) and using an inexpensive USB controller.

SOLUTION: This GPS receiver is provided with a receive part 1 receiving a GPS signal and CPU 2 computing position measuring data based on the GPS signal received by the receive part 1. A USB controller 3 connected by parallel bus and a USB connector 4 connected with the USB controller 3 are provided in the CPU 2 so that position measuring data can be transmitted using high speed transfer ability of USB without

such restriction that is provided when the USB controller 3 is serially connected with the CPU 2. Moreover, the USB controller 3 can be directly controlled using the CPU 2 of the GPS receiver, and the necessity that the USB controller with CPU is used is eliminated.

COPYRIGHT: (C)2000,JPO

